Enclosed Ground Flares

Advantages

- Reduced flame visibility due to enclosed burner shroud
- Minimal noise
- Minimal heat radiation due to ceramic insulation
- Ease of emissions sampling and testing
- Extremely high destruction efficiencies
- Smokeless combustion
- Simplified control system
- Reduced stack visibility due to low profile

General description

The Enclosed Ground Flare destroys a process or waste stream, but does not maintain a constant temperature while doing so. This simplifies the control scheme allowing the overall system to be less expensive. The Enclosed Ground Flare has the following advantages: reduced flame visibility, minimal heat and noise, emissions sampling ease, and smokeless combustion. Flare Industries' Enclosed Ground Flare attains extremely high destruction efficiencies by assuring the appropriate residence time. Enclosed Ground Flares may require supplemental assist gas streams depending on whether the process stream can sustain combustion.

Enclosed Ground Flare

Flare Industries, Inc. sales@flareindustries.com www.flareindustries.com

Cutting edge combustion and environmental technology, experience, innovation and superior service.

FLARE INDUSTRIES
INNOVATIVE COMBUSTION SOLUTIONS

Enclosed Ground Flares

Principle Applications

Refineries
Chemical plants
Truck loading terminals
Marine loading facilities
Compressor stations

Design Features

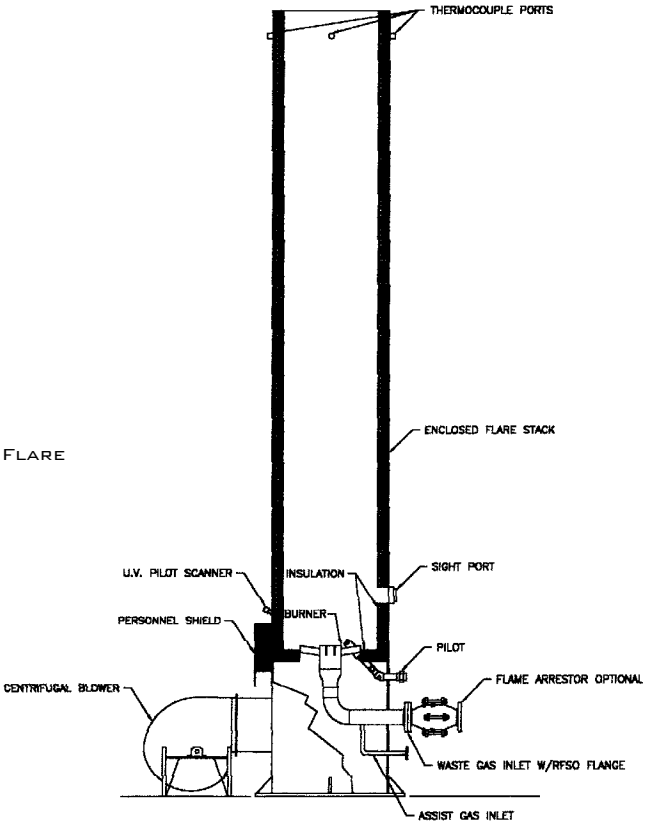
Extremely high destruction efficiencies
Flare Industries' high efficiency burner design
Forced or natural draft designs available
Fuel efficient pilot especially designed for enclosed flares
Temperature monitoring
Control schemes using industry standard PLC brands

Specifications

Dimensions:

Length:	20' - 80' (6.1 - 24.2 m)
Diameter:	36" - 240" (0.91- 6.1 m)
Radiation level:	None (no visible flame)
Destruction efficiency:	99% +

Enclosed Ground Flare



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